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OM protein - protein search, using sw model

Run on: September 4, 2002, 16:11:04 : Search time 99.82 Seconds
(Without alignments)
12.460 Million cell updates/sec

Title: US-09-052-089a-6

Perfect score: 293

Sequence: 1 LSLCTICSDPFHSDVAAL.....IQWFAPSRCPQCRIOYG 51

Scoring table: BLOSUM62

Searched: Gapop 10.0, Gapext 0.5

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	293	100.0	51	US-09-052-089A-6	Sequence 6, Appl
2	293	100.0	470	US-09-052-089A-2	Sequence 2, Appl
3	286	97.6	469	US-08-968-751-2	Sequence 2, Appl
4	272	92.8	469	US-09-052-089A-1	Sequence 1, Appl
5	260	88.7	51	US-09-052-089A-5	Sequence 5, Appl
6	107	36.5	551	US-08-639-103B-25	Sequence 25, Appl
7	107	36.5	551	US-09-229-059-25	Sequence 25, Appl
8	95.5	32.6	50	US-09-052-089A-15	Sequence 15, Appl
9	95.5	32.6	381	US-08-867-057-1	Sequence 1, Appl
10	95.5	32.6	381	US-08-867-057-3	Sequence 3, Appl
11	95.5	32.6	381	US-09-128-369-1	Sequence 1, Appl
12	95.5	32.6	381	US-09-128-369-3	Sequence 3, Appl
13	93	31.7	180	US-08-786-606-3	Sequence 3, Appl
14	93	31.7	180	US-08-933-750C-48	Sequence 48, Appl
15	93	31.7	180	US-09-234-613-48	Sequence 48, Appl
16	92	31.4	284	US-08-786-606-9	Sequence 9, Appl
17	87	29.7	326	US-08-786-606-8	Sequence 8, Appl
18	86	29.4	46	US-08-691-814B-17	Sequence 17, Appl
19	85.5	29.2	40	US-09-046-894-44	Sequence 44, Appl
20	85	29.0	47	US-09-052-089A-12	Sequence 12, Appl
21	85	29.0	276	US-08-786-606-5	Sequence 5, Appl
22	84.5	28.8	450	US-08-818-514-6	Sequence 6, Appl
23	84.5	28.8	450	US-09-115-934A-6	Sequence 6, Appl
24	83.5	28.5	47	US-08-691-814B-20	Sequence 20, Appl
25	81.5	27.8	48	US-08-331-394-14	Sequence 14, Appl
26	81.5	27.8	48	US-08-250-858-14	Sequence 14, Appl
27	81.5	27.8	48	US-08-446-915-14	Sequence 14, Appl

28	81.5	27.8	48	2	US-08-744-139-14	Sequence 14, Appl
29	81.5	27.8	48	5	PCT-US95-06639-14	Sequence 14, Appl
30	77	26.3	395	1	US-08-841-349-9	Sequence 9, Appl
31	76	25.9	47	1	US-08-331-394-13	Sequence 13, Appl
32	76	25.9	47	1	US-08-250-858-13	Sequence 13, Appl
33	76	25.9	47	1	US-08-446-915-13	Sequence 13, Appl
34	76	25.9	47	2	US-08-744-139-13	Sequence 13, Appl
35	76	25.9	47	5	PCT-US95-06639-13	Sequence 13, Appl
36	76	25.9	67	1	US-07-945-283-5	Sequence 5, Appl
37	76	25.9	664	4	US-09-268-140-2	Sequence 2, Appl
38	74	25.3	42	1	US-08-480-784-85	Sequence 85, Appl
39	74	25.3	42	1	US-08-483-553-85	Sequence 85, Appl
40	74	25.3	42	1	US-08-487-002-85	Sequence 85, Appl
41	74	25.3	42	1	US-08-483-554B-85	Sequence 85, Appl
42	74	25.3	42	1	US-08-488-011B-85	Sequence 85, Appl
43	74	25.3	42	4	US-08-850-727-85	Sequence 85, Appl
44	74	25.3	42	5	PCT-US95-10202-85	Sequence 85, Appl
45	74	25.3	42	5	PCT-US95-10203-85	Sequence 85, Appl

ALIGNMENTS

RESULT 1
US-09-052-089A-6
: Sequence 6, Application US/09052089A
: Patent No. 6346605
: GENERAL INFORMATION:
: APPLICANT: Lee, Soo Y.
: TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
: FAMILY, AND USES THEREOF
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: David A. Jackson, Esq.
: STREET: 411 Hackensack Ave, Continental Plaza, 4th
: Floor
: CITY: Hackensack
: STATE: New Jersey
: COUNTRY: USA
: ZIP: 07601
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/052,089A
: FILING DATE: 31-Mar-1998
: CLASSIFICATION: <Unknown>
: ATTORNEY/AGENT INFORMATION:
: NAME: Jackson Esq., David A.
: REGISTRATION NUMBER: 26,742
: REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 201-487-5800
: TELEFAX: 201-343-1684
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 51 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHEetical: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: ORGANISM: mouse
: SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-052-089A-6
Query Match 100.0%; Score 293; DB 4; Length 51;

NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 469 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-052-089a-1

Query Match 92.8%; Score 272; DB 4; Length 469;
Best Local Similarity 96.0%; Pred. No. 4,7e-27;
Matches 48; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

2 SLCTICSDPFDHSDVAIHGHTFHLCCLIQWETAPSRTPCPCRIQVG 51
Db 5 ALCTICSDPFDHSDVAIHGHTFHLCCLIQWETAPSRTPCPCRIQVG 54

RESULT 5
US-09-052-089a-5
Sequence 5, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
FRAGMENT TYPE: internal

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-052-089a-5

Query Match 88.7%; Score 260; DB 4; Length 51;
Best Local Similarity 92.0%; Pred. No. 1.3e-26;
Matches 46; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

2 SLCTICSDPFDHSDVAIHGHTFHLCCLIQWETAPSRTPCPCRIQVG 51
Db 2 ALCTICSDPFDHSDVAIHGHTFHLCCLIQWETAPSRTPCPCRIQVG 51

RESULT 6
US-08-699-103B-25
Sequence 25, Application US/08699103B
Patent No. 6107462
GENERAL INFORMATION:
APPLICANT: Rine, Jasper D.
Hampton, Randolph
TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
TITLE OF INVENTION: CHOLESTEROL SYNTHESIS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/699,103B
FILING DATE: 16-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/005001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/322-5070
TELEFAX: 650/854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
US-08-699-103B-25

Query Match 36.5%; Score 107; DB 3; Length 551;
Best Local Similarity 37.3%; Pred. No. 6.2e-06;
Matches 22; Conservative 6; Mismatches 19; Indels 12; Gaps 2;

2 SLCTICSDPFDHSDVAIHGHTFHLCCLIQWETAPSRTPCPCRIQVG 50
Db 347 NICITCMDEIHSPNQOTWKNKKPRKPLCGHILHSLCKNMWER--SQTCPICRLPV 403

RESULT 7
US-09-229-059-25
Sequence 25, Application US/09229059
Patent No. 633172
GENERAL INFORMATION:

APPLICANT: Rine, Jasper D.
TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
TITLE OF INVENTION: CHOLESTEROL SYNTHESIS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,059
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/699,103
FILING DATE: 16-AUG-1996
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/005001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/322-5070
TELEFAX: 650/854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
US-09-229-059-25

Query Match 36.5%; Score 107; DB 4; Length 551;
Best Local Similarity 37.3%; Pred. No. 6.2e-06;
Matches 22; Conservative 6; Mismatches 19; Indels 12; Gaps 2;

QY 2 SLCTICSPFPHS-----RDVAIHGCHTFHLOCLLOMFTAPSRICPCRCIOY 50
Db 347 NICLICMDELHSPNOQTWKNKKPKRLPCGHILHLSCLKNMNR--SOTCPICRLPV 403

RESULT 8
US-09-052-089a-15
Sequence 15, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-052-089a-15

Query Match 32.6%; Score 95.5; DB 4; Length 50;
Best Local Similarity 31.2%; Pred. No. 1.2e-05;
Matches 15; Conservative 11; Mismatches 21; Indels 1; Gaps 1;

QY 3 LCTICSPFPHSRDVAIHGCHTFHLOCLLOMFTAPSRICPCRCIOY 50
Db 3 VCAICDEYEDGDKRLRILPCSHAYCKCVPDWL-TKTKTCPCVCKQKV 49

RESULT 9
US-08-867-057-1
Sequence 1, Application US/08867057
Patent No. 5840535
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: NEW ZINC RING PROTEIN
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,057
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
TYPE: amino acid
STRANDEDNESS: single

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,369
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/867,057
FILING DATE: 06/02/1997
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Genbank
CLONE: 1321818
US-09-128-369-3

Query Match 32.6%; Score 95.5; DB 2; Length 381;
Best Local Similarity 31.2%; Pred. No. 0.00012;
Matches 15; Conservative 11; Mismatches 21; Indels 1; Gaps 1;

OY 3 LCTICSPFDHSRDVAIHCCHTFHLOCLIQWFTAPSR-TCPOCR 47
Db 239 VCAICDEYEDGDKRLILPCSHAVHCRCVDPWL-TKTKTCPCVCK 285

RESULT 13
US-08-786-606-3
Sequence 3, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Golt, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-786-606-3

Query Match 31.7%; Score 93; DB 2; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSPFDHSRDVAIHCCHTFHLOCLIQWFTAPSR-TCPOCR 47
Db 27 CNIC---LETAREAVSVCGHLYCMPCQLHQLETRPERQECPCVK 68

RESULT 14
US-08-933-750C-48
Sequence 48, Application US/08933750C
Patent No. 5932442
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Bandman, Olga
APPLICANT: Shah, Puri V.
APPLICANT: Au-Young, Janice
APPLICANT: Yue, Henry
APPLICANT: Guejler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,750C
FILING DATE: September 23, 1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0356 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: TESTNOT07
CLONE: 3217567

US-08-933-750C-48

Query Match 31.7%; Score 93; DB 2; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 27 CNIC---LETAREAVSVCGHLXCMPCILHOMLETRPERQECPVCK 68

RESULT 15

US-09-234-613-48
; Sequence 48, Application US/09234613
; Patent No. 6132873
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Bandman, Olga
; APPLICANT: Shah, Puri
; APPLICANT: Au-Young, Janice
; APPLICANT: Yue, Henry
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/234,613
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/933,750
; FILING DATE: September 23, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PE-0356 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: TESTNO707
; CLONE: 3217567
; US-09-234-613-48

Query Match 31.7%; Score 93; DB 4; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 27 CNIC---LETAREAVSVCGHLXCMPCILHOMLETRPERQECPVCK 68

RESULT 16

US-08-786-606-9
; Sequence 9, Application US/08786606
; Patent No. 5861495
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Au-Young, Janice
; APPLICANT: Coleman, Roger
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
; PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/786,606
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PE-0173 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 284 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 157535
; US-08-786-606-9

Query Match 31.4%; Score 92; DB 2; Length 284;
Best Local Similarity 31.9%; Pred. No. 0.00024;
Matches 15; Conservative 8; Mismatches 22; Indels 2; Gaps 1;

OY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 126 CAICIEAVKPTDIRILPCKHEHKNCIDPWL-IEHRCYPMCKIDV 170

RESULT 17

US-08-786-606-8
; Sequence 8, Application US/08786606
; Patent No. 5861495
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Au-Young, Janice
; APPLICANT: Coleman, Roger
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
; PROTEINS

```

1  NUMBER OF SEQUENCES: 9
2  CORRESPONDENCE ADDRESS:
3  ADDRESSEE: Incyte Pharmaceuticals, Inc.
4  STREET: 3174 Porter Drive
5  CITY: Palo Alto
6  STATE: CA
7  COUNTRY: USA
8  ZIP: 94304
9  COMPUTER READABLE FORM:
10 MEDIUM TYPE: Diskette
11 COMPUTER: IBM Compatible
12 OPERATING SYSTEM: DOS
13 SOFTWARE: FASTSEQ for Windows Version 2.0
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: US/08/786,606
16 FILING DATE:
17 CLASSIFICATION: 514
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER:
20 FILING DATE:
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Billings, Lucy R
23 REGISTRATION NUMBER: 36,749
24 REFERENCE/POCKET NUMBER: PP-0173 US
25 TELECOMMUNICATION INFORMATION:
26 TELEPHONE: 415-855-0555
27 TELEFAX: 415-845-4166
28 TELEX:
29 INFORMATION FOR SEQ ID NO: 8:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 326 amino acids
32 TYPE: amino acid
33 STRANDEDNESS: single
34 TOPOLOGY: linear
35 IMMEDIATE SOURCE:
36 LIBRARY: Genbank
37 CLONE: 461632
38 US-08-786-606-8

```

```

Query Match          29.7%; Score 87; DB 2; Length 326;
Best Local Similarity 33.3%; Pred. No. 0.0012;
Matches 16; Conservative 12; Mismatches 16; Indels 4; Gaps 2;

OY      3 ICTICSDPEFDHSRDVAALHCGHTFHLOCIOMFETAPSRTPCOCRIQV 50
        :|::||::||::||::||::||::||::||::||::||::||::||::||
Db       17 MCVLGGYFIDATYI--IECLHSFCCTIVRLFT--SKYCFICDYQV 60

RESULT 18
US-08-691-814B-17
Sequence 17, Application US/08691814B
Patent No. 5981218
GENERAL INFORMATION:
Applicant: Rio, Marie-Christine
Applicant: Tomasetto, Catherine
Applicant: Basset, Paul
Applicant: Byrne, Jennifer
Title Of Invention: Isolated Nucleic Acid Molecules Useful
Number Of Invention: as Leukemia Markers and in Breast Cancer Prognosis
Number Of Sequences: 124
Correspondence Address:
Addressee: Sterne, Kessler, Goldstein & Fox P.L.L.C.
Street: 1100 New York Ave, NW, Suite 600
City: Washington
State: DC
Country: USA
Zip: 20005-3934
Computer Readable Form:
Medium Type: Floppy disk
Computer: IBM PC compatible
Operating System: PC-DOS/MS-DOS
Software: PatentIn Release #1.0, Version #1.30

```

```

1 CURRENT APPLICATION DATE: US
2 APPLICATION NUMBER: US/08/691,814B
3 FILING DATE: 31-JUL-1996
4 CLASSIFICATION: 435
5 PRIOR APPLICATION DATA:
6 APPLICATION NUMBER: US 60/002,183
7 FILING DATE: 09-AUG-1995
8 ATTORNEY/AGENT INFORMATION:
9 NAME: Steffe, Eric K.
10 REGISTRATION NUMBER: 36,688
11 REFERENCE/DOCKET NUMBER: 1383, 0030001
12 TELECOMMUNICATION INFORMATION:
13 TELEPHONE: 202-371-2600
14 TELEFAX: 202-371-2543
15 INFORMATION FOR SEQ ID NO: 17:
16 SEQUENCE CHARACTERISTICS:
17 LENGTH: 46 amino acids
18 TYPE: amino acid
19 STRANDEDNESS: not relevant
20 TOPOLOGY: not relevant
21 MOLECULE TYPE: peptide
22 US-08-691-814B-17

```

Query Match	29.48;	Score 86;	DB 2;	Length 46;
Best Local Similarity	29.28;	Pred. No. 0.00018;		
Matches 14;	Conservative 14;	Mismatches 16;	Indels	

```

QY      3 LCTICSDFFDHSRDVAAIHCGHTFHLQCLLOMFETAPSRTCPOQRIOY 50
      : : : : : : : : : : : : : : : : : : : : : : : :
Db      3 MCALCGGYFIDATYI--VECLHSFCKTCLVRYLET--NKYCPMCDYOY 46

```

```

19 RESULT 19
20 ; Sequence 44, Application US/09046894
21 ; Patent No. 6190857
22 ; GENERAL INFORMATION:
23 ; APPLICANT: Ralph, David
24 ; APPLICANT: An, Gang
25 ; APPLICANT: O'Hara, Mark S.
26 ; TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
27 ; TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES
28 ; NUMBER OF SEQUENCES: 55
29 ; CORRESPONDENCE ADDRESS:
30 ; ADDRESSEE: Arnold, White & Durkee
31 ; STREET: P.O. Box 4433
32 ; CITY: Houston
33 ; STATE: Texas
34 ; COUNTRY: USA
35 ; ZIP: 77210
36 ; COMPUTER READABLE FORM:
37 ; MEDIUM TYPE: Floppy disk
38 ; COMPUTER: IBM PC compatible
39 ; OPERATING SYSTEM: PC-DOS/MS-DOS
40 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
41 ; CURRENT APPLICATION DATA:
42 ; APPLICATION NUMBER: US/09/046,894
43 ; FILING DATE: Concurrently Herewith
44 ; CLASSIFICATION:
45 ; PRIOR APPLICATION DATA:
46 ; APPLICATION NUMBER: US 60/041,576
47 ; FILING DATE: 24-MAR-1997
48 ; ATTORNEY/AGENT INFORMATION:
49 ; NAME: Nakashima, Richard A.
50 ; REGISTRATION NUMBER: P-42,023
51 ; REFERENCE/DOCKET NUMBER: UROC: 014
52 ; TELECOMMUNICATION INFORMATION:
53 ; TELEPHONE: (512) 418-3000
54 ; TELEFAX: (512) 474-7577
55 ; INFORMATION FOR SEQ ID NO: 44:
56 ; SEQUENCE CHARACTERISTICS:

```


LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: Linear
US-09-046-894-44

Query Match 29.2%; Score 85.5; DB 4; Length 40;
Best Local Similarity 30.2%; Pred. No. 0.00018;
Matches 13; Conservative 8; Mismatches 19; Indels 3; Gaps 1;

OY 4 CTICSDFFDHSRDVAIHCGHTFHLCLOLQWFTAPSRTPCPOC 46
Db 1 CALCDXEYEDGDKRLRILPCSHAHCKCVDPMW---TKKTCPCVC 40

RESULT 20
US-09-052-089a-12
Sequence 12, Application US/09052089a
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESS: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089a
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-052-089a-12

Query Match 29.0%; Score 85; DB 4; Length 47;
Best Local Similarity 35.4%; Pred. No. 0.00025;
Matches 17; Conservative 8; Mismatches 19; Indels 4; Gaps 2;

OY 3 ICTTISDFDHSRDVAIAHCGHTFHLCLOLQWFTAPSRTPCPOCRIOV 50
Db 3 LCKICA---ENDKDVKIERCGHLMCTSLTSMQF--SEGCGCPFCCEI 46

RESULT 21

US-08-786-606-5
Sequence 5, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESS: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 276 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-786-606-5

Query Match 29.0%; Score 85; DB 2; Length 276;
Best Local Similarity 27.7%; Pred. No. 0.0018;
Matches 13; Conservative 10; Mismatches 22; Indels 2; Gaps 1;

OY 4 CTICSDFFDHSRDVAIAHCGHTFHLCLOLQWFTAPSRTPCPOCRIOV 50
Db 121 CAVCIESYKQNDVYRILPCKHVFKSCVDPWL--SEHCTCPCKINI 165

RESULT 22
US-08-818-514-6
Sequence 6, Application US/08818514
Patent No. 5837838
GENERAL INFORMATION:
APPLICANT: Reed, John C.
APPLICANT: Xu, Qunli
TITLE OF INVENTION: BAX Inhibitor Proteins
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESS: Campbell & Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/818,514
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 2446
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 450 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-818-514-6

Query Match 28.8%; Score 84.5; DB 2; Length 450;
Best Local Similarity 31.8%; Pred. No. 0.0037;
Matches 14; Conservative 8; Mismatches 19; Indels 3; Gaps 1;
OY 4 CTCSDFFDHSRDVAIHCGRTHFLQCLIQWFTAPSRTPCQCR 47
DB 34 CHCCYDILVNP---TTLNCGSHFCRHLALMAWSSKKTCEPCCR 74

RESULT 23
US-09-115-934A-6
Sequence 6, Application US/09115934A
Patent No. 6130317
GENERAL INFORMATION:
APPLICANT: Reed, John C.
TITLE OF INVENTION: BAX Inhibitor Proteins
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/115,934A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,514
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 3209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 450 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-09-115-934A-6

Query Match 28.8%; Score 84.5; DB 4; Length 450;
Best Local Similarity 31.8%; Pred. No. 0.0037;
Matches 14; Conservative 8; Mismatches 19; Indels 3; Gaps 1;
OY 4 CTCSDFFDHSRDVAIHCGRTHFLQCLIQWFTAPSRTPCQCR 47
DB 34 CHCCYDILVNP---TTLNCGSHFCRHLALMAWSSKKTCEPCCR 74

RESULT 24
US-08-691-814B-20
Sequence 20, Application US/08691814B
Patent No. 5981218
GENERAL INFORMATION:
APPLICANT: Rio, Marie-Christine
APPLICANT: Tomasello, Catherine
APPLICANT: Bassel, Paul
APPLICANT: Byrne, Jennifer
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave, NW, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,814B
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,183
FILING DATE: 09-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1383.0090001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2543
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-691-814B-20

Query Match 28.5%; Score 83.5; DB 2; Length 47;
Best Local Similarity 34.1%; Pred. No. 0.00039;
Matches 15; Conservative 8; Mismatches 18; Indels 3; Gaps 1;

OY 4 CTCSDFFDHSRDVAIHCGRTHFLQCLIQWFTAPSRTPCQCR 47
DB 4 CPLCEVLF--KDPVWACGHNFCRSCIDKAMEGNSPACPECCR 44

RESULT 25
US-08-331-394-14
Sequence 14, Application US/08331394
Patent No. 5670319
GENERAL INFORMATION:

APPLICANT: Goeddel, David V.
APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor
TITLE OF INVENTION: Receptor-Associated Factors
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/331,394
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dregler, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-331-394-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

Qy 3 LCTICSPDFHSDVAIHGHTFHLCQLIQWFT--APSTPCQCRQ 49
Db 3 LCKTICA---ENDKDVKTEPCGHLMTSCLTSMQSEGGSSGCPRCCE 48

RESULT 26
US-08-250-858-14
Sequence 14, Application US/08250858
Patent No. 5708142
GENERAL INFORMATION:
APPLICANT: Goeddel, David V.
APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,858
FILING DATE: 27-May-1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Dregler, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-250-858-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

Qy 3 LCTICSPDFHSDVAIHGHTFHLCQLIQWFT--APSTPCQCRQ 49
Db 3 LCKTICA---ENDKDVKTEPCGHLMTSCLTSMQSEGGSSGCPRCCE 48

RESULT 27
US-08-446-915-14
Sequence 14, Application US/08446915
Patent No. 5741667
GENERAL INFORMATION:
APPLICANT: Goeddel, David V.
APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,915
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/331394
FILING DATE: 28-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dregler, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
TOPOLOGY: linear

US-08-446-915-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQMFET--APSRCPQCRIO 49
|||: :||| ||| ||| ||| :
Db 3 LCKICA---ENDKDKVKTIEPCGHLMCTSLTSMOSEGSGSSGCPRCRCE 48

RESULT 28

US-08-744-139-14
Sequence 14, Application US/08744139
Patent No. 5869612

GENERAL INFORMATION:

APPLICANT: Goeddel, David V

TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 Inch, 1.44 Mb floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPalin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/744,139

FILING DATE: 31-Oct-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 05/27/1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: P0897C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 48 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

US-08-744-139-14

Query Match 27.8%; Score 81.5; DB 2; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQMFET--APSRCPQCRIO 49
|||: :||| ||| ||| ||| :
Db 3 LCKICA---ENDKDKVKTIEPCGHLMCTSLTSMOSEGSGSSGCPRCRCE 48

RESULT 29

PCT-US95-06639-14
Sequence 14, Application PC/TUS9506639
GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors

NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 Inch, 1.44 Mb disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: palin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06639

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 27-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/331394

FILING DATE: 28-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: 897P2PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 48 amino acids

TYPE: amino acid

TOPOLOGY: linear

PCT-US95-06639-14

Query Match 27.8%; Score 81.5; DB 5; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQMFET--APSRCPQCRIO 49
|||: :||| ||| ||| ||| :
Db 3 LCKICA---ENDKDKVKTIEPCGHLMCTSLTSMOSEGSGSSGCPRCRCE 48

RESULT 30

US-08-841-349-9
Sequence 9, Application US/08841349B
Patent No. 5953594

GENERAL INFORMATION:

APPLICANT: MISHRA, LOPA

TITLE OF INVENTION: GENES CODING PROTEINS FOR EARLY LIVER DEVELOPMENT.

CURRENT APPLICATION NUMBER: US/08/841,349B

CURRENT FILING DATE: 1997-04-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 9

LENGTH: 395

TYPE: PRT

ORGANISM: Mus musculus

US-08-841-349-9

Query Match 26.3%; Score 77; DB 2; Length 395;
Best Local Similarity 34.1%; Pred. No. 0.029;
Matches 15; Conservative 4; Mismatches 23; Indels 2; Gaps 1;

OY 4 CTICSDFFDHSRDVAALHCGHTFHLOCLIQMFETAPSRTPQCR 47
|||: :||| ||| ||| ||| :
Db 347 CPTCSEYVKGAVATELPCHYFHKPCVSIWLO--KSGTGPVCR 388

TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-446-915-13

Query Match 25.9%; Score 76; DB 1; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDPFDHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAEITVNSCPQCR 45

RESULT 34
US-08-744-139-13
; Sequence 13, Application US/08744139
; Patent No. 5869612
; GENERAL INFORMATION:
; APPLICANT: Goeddel, David V
; APPLICANT: Rothe, Mike
; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,139
; FILING DATE: 31-Oct-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 05/27/1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dregler, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: P0897C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-744-139-13

Query Match 25.9%; Score 76; DB 2; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDPFDHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAEITVNSCPQCR 45

RESULT 35
PCT-US95-06639-13

; Sequence 13, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dregler, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
PCT-US95-06639-13

Query Match 25.9%; Score 76; DB 5; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDPFDHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAEITVNSCPQCR 45

RESULT 36
US-07-945-283-5
; Sequence 5, Application US/07945283
; Patent No. 5352596
; GENERAL INFORMATION:
; APPLICANT: Cheung, Andrew K.
; APPLICANT: Wesley, Ronald D.
; TITLE OF INVENTION: Pseudorabies Virus Deletion Mutants
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis P. Ribando
; STREET: 1815 No. 5352596th University Street
; CITY: Peoria
; STATE: IL
; COUNTRY: USA
; ZIP: 61604
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/945.283
FILING DATE: 19920911
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ribando, Curtis P
REGISTRATION NUMBER: 27976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 309-685-4011 ext. 513
TELEFAX: 309-685-4128
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: Pseudorabies virus
US-07-945-283-5

Query Match 25.9%; Score 76; DB 1; Length 67;
Best Local Similarity 34.0%; Pred. No. 0.0053;
Matches 16; Conservative 7; Mismatches 20; Indels 4; Gaps 2;
OY 4 CTICSDFPDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCRIOV 50
| | | | : : | | | | : : | | | | : : |
Db 6 CPICLDV--AATEAQTLPCHKFCIDCIORW--TITSTACPLCKARV 48

RESULT 37
US-09-268-140-2
Sequence 2, Application US/09268140
Patent No. 6268176
GENERAL INFORMATION:
APPLICANT: Gemmill, Robert M.
APPLICANT: Drabkin, Harry A.
TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
FILE REFERENCE: 93445-00004
CURRENT APPLICATION NUMBER: US/09/268.140
CURRENT FILING DATE: 2000-03-12
PRIOR APPLICATION NUMBER: US 60/077,723
PRIOR FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 2
LENGTH: 664
TYPE: PRT
ORGANISM: Homo sapiens
US-09-268-140-2

Query Match 25.9%; Score 76; DB 4; Length 664;
Best Local Similarity 35.4%; Pred. No. 0.069;
Matches 17; Conservative 4; Mismatches 23; Indels 4; Gaps 2;
OY 3 ICTICSDFPDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCRIOV 50
| | | | : : | | | | : : | | | | : : |
Db 546 VOACVHETTSARITP--CNHYFHALCKRWLYI--QDTCMCQHKV 589

RESULT 38
US-08-480-784-85
Sequence 85, Application US/08480784
Patent No. 5693473
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480.784
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
US-08-480-784-85

Query Match 25.3%; Score 74; DB 1; Length 42;
Best Local Similarity 31.1%; Pred. No. 0.0056;
Matches 14; Conservative 7; Mismatches 20; Indels 4; Gaps 2;
OY 4 CTICSDFPDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCR 47
| | | | : : | | | | : : | | | | : : |
Db 1 CPVCLOLYF--AEPWMLDCGHNICCAICLARCWGTACTVNSCPQCR 42

RESULT 39
US-08-483-553-85
Sequence 85, Application US/08483553
Patent No. 5709999
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.

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